


Quartz Crystal Specification

Frequency	80.000000 MHz
Cut	SC-cut
Vibration Mode	5 th overtone
Holder	TO-5 LP, 0.147" PC, 0.155" (3,94 mm) max height, 3 external leads
Calibration Tolerance	± 4 ppm at 95 °C
Load Capacitance	Series
Frequency-Temperature Stability	Upper TOP from 90 to 100 °C
Motional Resistance Rs	90 ohms maximum
Motional Capacitance C1	0.175 fF typical
Shunt Capacitance C0	3.0 to 4.0 pF
Quality Factor Q	> 120,000
Drive Level	≤ 100 µW
G-sensitivity	< ± 0.5 ppb/g per axis
Aging	≤ ± 100 ppb/year after 30 days
Storage Temperature	-55 to +125 °C
Marking	1. Part Number 2. Frequency 3. Bar code label with Serial Number – std electrical data to be provided
Environmental	Shock: MIL-STD-202G, M213 Condition C - 100 g, 6 msec, ½ sine Vibration: MIL-STD-202G, M204 Condition C, 10 g peak, 55 to 2000 Hz, 1 sweep per axis Solderability, Seal and Workmanship per MIL-PRF-3098
RoHS	RoHS compliant

Revision		Date	Description			Approved
APPROVALS		DATE	 CROVEN CRYSTALS <small>Wenzel International, Inc.</small>			
ENG	D. Scepanovic	07-Jan-2014	CAGE CODE	SIZE	DWG. NO.	REV
SALES	C. Visniar	07-Jan-2014	00809	A	CC1162-80LP	-
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